

[manuals.plus](#) /› [VENTION](#) /› [VENTION USB C Hub \(Model TOPHB\) 7-in-1 Multiport Adapter User Manual](#)

VENTION TOPHB

VENTION USB C Hub (Model TOPHB) 7-in-1 Multiport Adapter User Manual

1. INTRODUCTION

This manual provides detailed instructions for the VENTION USB C Hub, Model TOPHB. This 7-in-1 multiport adapter is designed to expand the connectivity of your USB-C enabled devices, offering a range of ports for data transfer, video output, and power delivery. Please read this manual carefully before using the product to ensure proper operation and longevity.

2. PRODUCT OVERVIEW

The VENTION USB C Hub (Model TOPHB) is a versatile 7-in-1 adapter that integrates essential ports into a compact design. It is compatible with various USB-C devices, including laptops, tablets, and smartphones.

Package Contents:

- VENTION USB C Hub (Model TOPHB)
- User Manual

Key Features:

- **HDMI Port:** Supports 4K@30Hz video output for external displays.
- **USB-C PD Port:** Provides up to 100W Power Delivery for fast charging.
- **USB 3.0 Ports (x3):** Offers high-speed data transfer up to 5Gbps.
- **SD Card Reader:** Supports standard SD cards.
- **TF (Micro SD) Card Reader:** Supports Micro SD cards.
- Simultaneous SD/TF card reading and writing.
- Durable aluminum alloy casing for efficient heat dissipation.
- Blue LED indicator for operational status.

One-Stop Upgrade for Your Laptop



Image: The VENTION USB C Hub connected to a laptop, showcasing its multiple ports including HDMI, USB-C PD, USB 3.0, and SD/TF card slots, with various peripherals like a USB drive and memory cards.

3. SETUP INSTRUCTIONS

The VENTION USB C Hub is designed for plug-and-play functionality, requiring no additional drivers for most operating systems.

Connecting the Hub:

1. Locate an available USB-C port on your host device (laptop, tablet, or smartphone).
2. Insert the USB-C connector of the VENTION hub firmly into the USB-C port of your device.
3. A blue LED indicator on the hub will illuminate, confirming that the hub is powered on and ready for use.

Blue LED Indicator

Easily monitor the working status



Image: The VENTION USB C Hub with its blue LED indicator glowing, indicating that it is successfully connected and operational.

4. OPERATING INSTRUCTIONS

4.1 HDMI Video Output

Connect an external monitor or TV to the hub's HDMI port for high-definition video output.

- Supports resolutions up to 4K (3840x2160) at 30Hz.
- Your device's display settings can be configured for mirror mode (duplicate display) or extend mode (separate display).

4K HDMI Visual Feast

Mirror Mode

Extend Mode



Image: A visual representation of connecting a laptop to an external monitor using the hub, showing options for mirroring the display or extending it.

4.2 USB 3.0 Data Transfer

The three USB 3.0 ports allow you to connect various USB peripherals and transfer data at high speeds.

- Connect USB flash drives, external hard drives, keyboards, mice, and other USB devices.
- Data transfer speeds up to 5Gbps.

Multiple USB Ports

Maximize Your Work Efficiency



Image: A tablet connected to the VENTION USB C Hub, demonstrating the use of multiple USB ports for connecting a keyboard and a USB drive, enhancing productivity.

4.3 SD/TF Card Reader

The integrated card readers support both standard SD and Micro SD (TF) cards, allowing for quick access to media files.

- Insert SD or TF cards into their respective slots.
- Supports simultaneous reading and writing for both card types.
- Reading/writing speed up to 70MB/s.

SD/Micro SD Dual Card Readers



Image: A VENTION USB C Hub connected to a laptop, with an SD card inserted into its slot, illustrating the card reader functionality for transferring photos and videos from a camera.

4.4 Power Delivery (PD) Charging

The USB-C PD port allows you to charge your host device while using the hub.

- Connect your original USB-C power adapter to the hub's USB-C PD port.
- Supports up to 100W power delivery to your host device.



Image: The VENTION USB C Hub connected to a laptop and a power adapter, demonstrating its 100W Power Delivery charging capability.

4.5 Official Product Video

Video: An official product video from Vention showcasing the features and usage of the 7-in-1 USB-C Docking Station, including its compact design, various ports, and connectivity options.

5. MAINTENANCE

To ensure the longevity and optimal performance of your VENTION USB C Hub, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the hub. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts.
- **Heat Dissipation:** The aluminum alloy casing is designed for efficient heat dissipation. Ensure the hub is placed in a well-ventilated area during prolonged use.

6. TROUBLESHOOTING

If you encounter issues with your VENTION USB C Hub, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display on external monitor.	Incorrect cable connection; incompatible resolution; host device not configured for external display.	Ensure HDMI cable is securely connected. Check display settings on your host device (e.g., Windows Display Settings, macOS System Preferences > Displays) to detect and configure the external monitor. Try a different HDMI cable.
USB devices not recognized.	Loose connection; insufficient power; device driver issue.	Ensure USB devices are firmly plugged into the hub. If using a high-power device, connect a power adapter to the hub's PD port. Try connecting the USB device directly to your host device to rule out device-specific issues.
Slow charging via PD port.	Power adapter not sufficient; cable issue.	Ensure you are using a power adapter capable of delivering sufficient wattage (e.g., 100W for maximum speed). Use a high-quality USB-C to USB-C cable that supports Power Delivery.
SD/TF cards not detected.	Card not fully inserted; card format issue.	Ensure the card is fully and correctly inserted into the slot. Try the card in another device to check if the card itself is faulty.

If the problem persists after trying these solutions, please contact VENTION customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	TOPHB
Hardware Interface	HDMI, MicroSD, Thunderbolt, USB 3.0
HDMI Output	4K@30Hz
USB-C PD Port	Up to 100W Power Delivery
USB 3.0 Ports	3 ports, 5Gbps data transfer
Card Reader	SD and TF (Micro SD) slots, simultaneous read/write

Feature	Detail
Compatible Devices	Hard Disk Drive, Keyboards, Laptops, Monitors, Smartphones
Special Features	Fast Charging, Fast Data Transfer, Heat Resistant, Indicator Light, Lightweight
Item Weight	2.46 ounces
Package Dimensions	7.09 x 3.58 x 1.02 inches

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your VENTION USB C Hub, please refer to VENTION's official website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can visit the VENTION Store for more information:[VENTION Official Store](#)

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